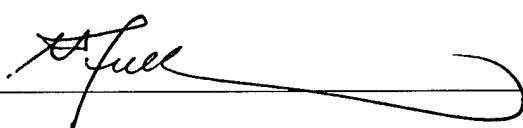
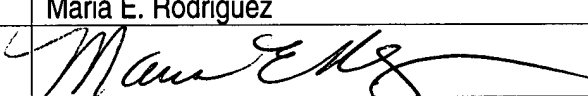
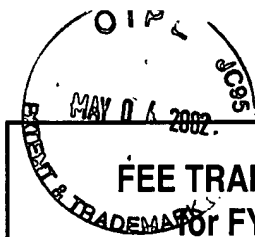
 <p>TRANSMITTAL FORM</p>	Application Number	10/041,052
	Filing Date	1/7/2002
	First Named Inventor	
	Group Art Unit	NOT ASSIGNED
	Examiner Name	Unassigned
	Attorney Docket Number	CM03381J
Total Number of Pages in this Submission		Express Mail Label No.

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input checked="" type="checkbox"/> Extension of time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-Related papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <input checked="" type="checkbox"/> Declaration Combined with Power of Attorney <input type="checkbox"/> sheet(s) of formal drawings <input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Andrew S. Fuller
Signature	
Date	5/3/02

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date	
	5/3/02
Express Mail Label No.:	EV 040520715 US
Typed or printed name	Maria E. Rodriguez
Signature	

**FEE TRANSMITTAL****For FY 2002**

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)**280.00****Complete if Known**

Application No. 10/041,052

Filing Date 1/7/2002

First Named Inventor

Examiner Name Unassigned

Group Art Unit NOT ASSIGNED

Attorney Docket No. CM03381J

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit Account Number

50-0757

Deposit Account Name

Motorola, Inc.

The Commissioner is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayment☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid
Independent		-20*	=	18	=	
Claims		-3*	=	84	=	
Multiple Dependent				280		

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late Provisional filing	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for ex parte Reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	110
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	123	50	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of IDS	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

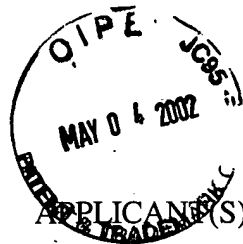
Other fee (specify)

*Reduced by Basic Filing Fee Pd

SUBTOTAL (3) **\$ 280****SUBMITTED BY**Name (Print) **Andrew S. Fuller**

Signature

Complete (if applicable)Registration No. (Attorney/Agent) **37,328**Telephone: **(954) 723-6449**Date **5/3/02**



DOCKET NO.: CM03381J

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): PERKINS, MATTHEW R. ET AL.

APPLICATION NO.: 10/041,052

FILED: 1/7/2002

GROUP ART UNIT: NOT ASSIGNED Confirmation No: 1946

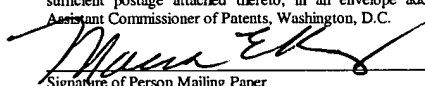
TITLE: TWO DIMENSIONAL ANGLE OF ARRIVAL DETECTION DEVICE

Certificate of Mailing

Date of deposit: 5/3/02

Express Mail Label No.: EV 0409520715 US

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as Express Mail, with sufficient postage attached thereto, in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C.


Signature of Person Mailing Paper

Maria E. Rodriguez

Printed Name of Person Mailing Paper

Assistant Commissioner for Patents
Washington, D.C. 20231

Attention: Customer Service Center
Initial Patent Examination Division

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:


Responsive to the Notice to File Missing Parts of Application dated 2/15/02, please find enclosed:

- ☒ 2 page Declaration Combined with Power of Attorney
- ☒ 1 page copy of Notice to File Missing Parts of Application
- ☐ sheet(s) of formal drawings
- ☐

The Commissioner is hereby authorized to charge all fees due to Account No. 50-0757. A fee transmittal is enclosed.

Respectfully submitted,

SEND CORRESPONDENCE TO:
Customer No. 24273
Motorola, Inc.
Intellectual Property Section
Law Department

By: 
ANDREW S. FULLER
Attorney of Record
Reg. No.: 37,328

Telephone: 954-723-6449
Fax No.: 954-723-3871



05-06-02
e 3
Page 1 of 1
\$3
NP/\$

01PE
MAY 04 2002
RECEIVED
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/041,052	01/07/2002	Matthew R. Perkins	CM03381J

CONFIRMATION NO. 1946

FORMALITIES LETTER



OC000000007485960

Andrew S. Fuller
Motorola, Inc.
Law Department
8000 West Sunrise Boulevard
Fort Lauderdale, FL 33322

Date Mailed: 02/15/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:
Tzer-Hso Lin
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

John R. Geremew

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/07/2002 SHINASS1 00000112 500757 10041052

01 FC:105 130.00 CH